



DESIGN <i>KE</i>	DRAWN BY <i>KE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>RF</i>	APPROVED <i>UP</i>	DRAWING NO. DSI 9140	REV. B SHEET 1 OF 2
DATE 99.10.20		TITLE 500/520 BEARPAW	SCALE NTS
A	99.03.02	NEW ISSUE	
B	99.10.20	TYPO CORRECTED	

# DART SERVICE INSTRUCTION

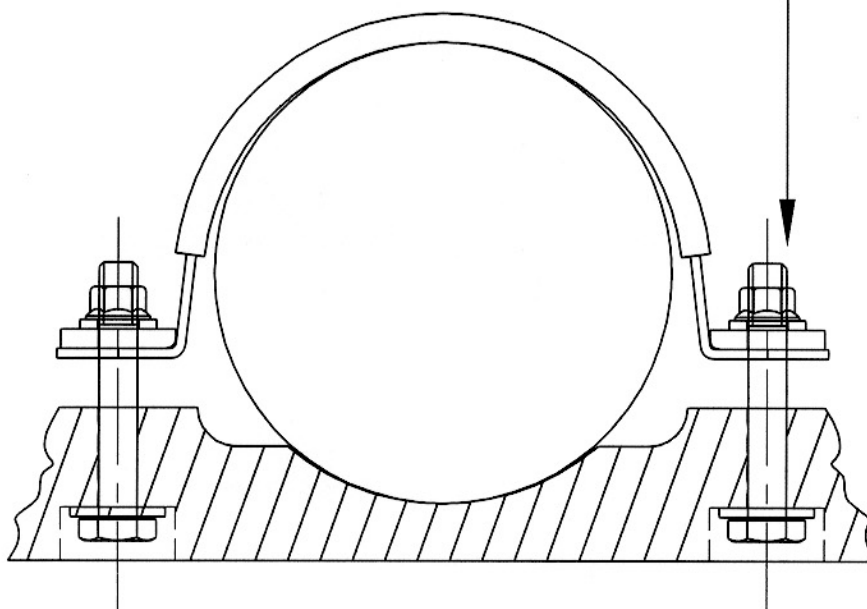
AMEND DRAWING D500-572 REV. C

CANADIAN STC: SH90-17

US FAA STC: SH849NE

REPLACE AN4-13A BOLTS WITH AN4-15A BOLTS

REMOVE D2022-101 SPACERS





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CHECKED <i>RF</i>	APPROVED <i>UP</i>	DRAWING NO. DSI 9140	REV. B SHEET 2 OF 2
DATE 99.10.20		TITLE 500/520 BEARPAW	SCALE NTS

DELETE THE FOLLOWING FROM THE PARTS LIST ON PAGE 1 OF D500-572 REV. C:

Qty -011	Qty -013	Part Number	Description
16	24	D2022-101	SPACER
8	12	AN4-13A	BOLT

ADD:

Qty -011	Qty -013	Part Number	Description
8	12	AN4-15A	BOLT

### **NARROW BEARPAWS:**

ADD THE FOLLOWING NARROW BEARPAW INSTALLATIONS TO DRAWING D500-572 REV C:

Qty -021	Qty -023	Part Number	Description
X		D500-572-021	Narrow Bearpaw Kit MD 500 series
	X	D500-572-023	Narrow Bearpaw Kit MD 520 series
4	6	D2182B050	RUBBER CUSHION
8	12	D2274	RADIUS BLOCK
2		D2671	13" X 16" BEARPAW
	2	D2672F	13" X 24" BEARPAW (FLAT)
4	6	D2438	CLAMP
8	12	D2529	WASHER
8	12	AN4-15A	BOLT
8	12	AN960JD416	WASHER
8	12	MS21042L4	NUT (OR MS21042-4)
2		QS200M44S	CLAMP

THE D500-572-021 INSTALLATION IS SIMILAR TO THE D500-572-011 INSTALLATION, AND THE D500-572-023 INSTALLATION IS SIMILAR TO THE D500-572-013 INSTALLATION.

### **WEIGHT AND BALANCE for NARROW BEARPAWS:**

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D500-572-021	7.5 lb 3.41 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	130 in 3.30 m	975 in-lb 11.25 m-kg
D500-572-023	11 lb 5.00 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	126 in 3.20 m	1386 in-lb 16.00 m-kg